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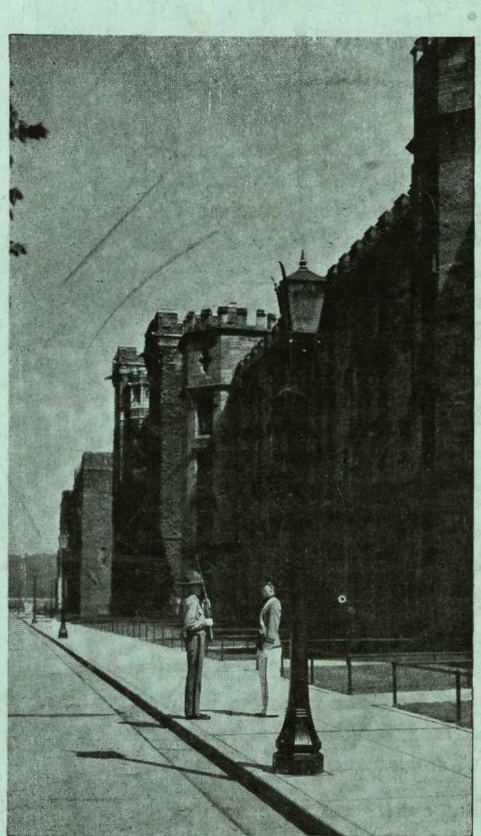

NOV. - DEC. » 1932
Volume XVI. Number 2.

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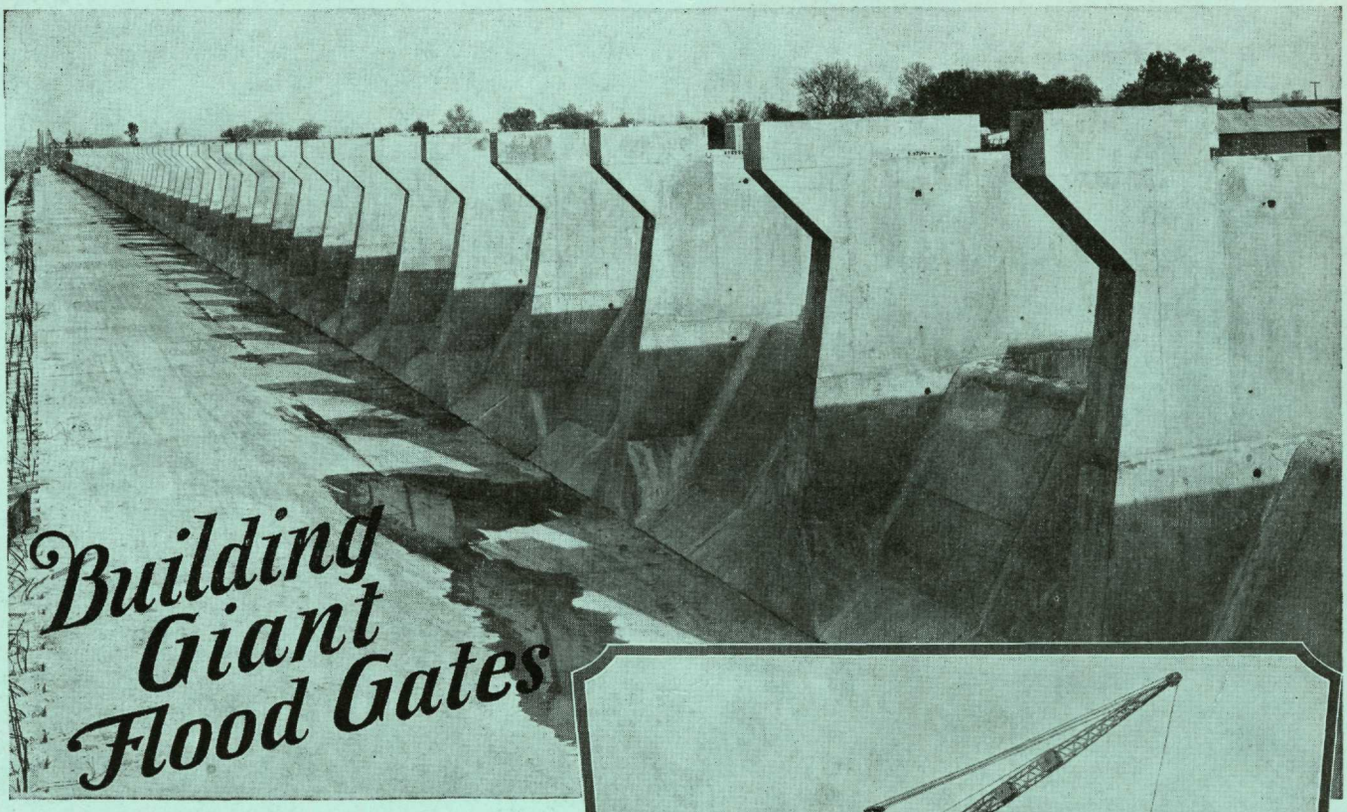
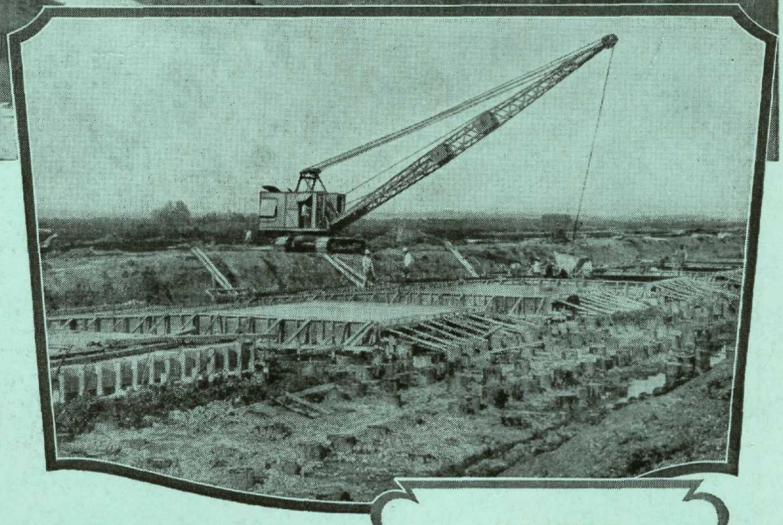


Building Giant Flood Gates



TWENTY-EIGHT miles upstream from New Orleans a great flood gate known as the Bonnet Carre spillway is being completed. In times of high water this concrete dam on the east bank of the Mississippi will tap the flood before it reaches the city, diverting the dangerous excess into Lake Pontchartrain.

The Bonnet Carre spillway consists of a concrete dam and a pier-and-weir section about 7700 feet long. The weir sections, which are twenty feet wide between the piers, have timber needles on the crests at two levels — elevations 16 and 18 A traveling crane, on a bridge spanning the piers, removes the timber needles for discharge.

N. E. C. equipment played an important part in the construction set-up. Two Koehring Cranes handled aggregate at the material bins and a third Koehring placed the concrete with an Insley bucket. Two large Smith mixers mixed the 127,000 cu. yds. of concrete used on the project.

Wherever you find construction work in progress, you find N. E. C. equipment!

NEC

"Concrete—Its Manufacture and Use," a complete treatise and handbook on present methods of preparing and handling portland cement concrete, will be gladly sent on request to engineering students, faculty members and others interested.

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THE OHIO STATE ENGINEER

Published in October, November, January, February, March, April, and May by the students in the College of Engineering, The Ohio State University, Columbus, Ohio

Vol. XVI NOVEMBER-DECEMBER, 1932 No. 2

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Subscription price, $1.00 per year for seven copies; single copies 20c each. Make checks and money orders payable to *The Ohio State Engineer.*

Entered as second-class matter May 15, 1932, at the post office at Columbus, Ohio, under the act of March 3, 1879. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917. Authorized December, 8, 1922.

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SHADOWS, TOO, HAVE THEIR PLACE IN FLOODLIGHTING

The City Hall of Buffalo (N.Y.) is a splendid example of floodlighting designed to bring out architectural detail through the combination of light and shadow. With this new method, a forceful arrangement of column effect is obtained at a surprisingly low cost for current.